

We claim:

1. A process for treating contaminated water comprising:
filling a water tank with a predetermined amount of antimicrobial sand selected from the group consisting of silver compound coated, copper compound coated and quaternary ammonium salt coated and the mixture thereof and
introducing water through the antimicrobial sand acting as a filter.
2. The process of claim 1, wherein said quaternary ammonium salt is 3-(trimethoxysilyl)-propyldimethyloctadecyl ammonium chloride.
3. The process of claim 1, wherein said silver compound is silver nitrate.
4. The process of claim 1, wherein said copper compound is copper nitrate.
5. An antimicrobial filter comprising sand coated with a silver compound.
6. An antimicrobial filter comprising sand coated with a copper compound.
7. An antimicrobial filter comprising sand coated with 3-(trimethoxysilyl)-propyldimethyloctadecyl ammonium chloride.
8. The process of claim 1 further comprising:
introducing water to be treated through an inlet to the tank;
passing water downwardly through said sand and providing clean water at an outlet of the tank.
9. The process of claim 8 wherein water is introduced to the outlet,
passing upwardly through the filter and providing clean water at the inlet.
10. The filter of claim 7 wherein the concentration of the coating is monitored by bromophenol blue.
11. The process of claim 1, wherein the antimicrobial sand is encased in a

Case	Age	Sex	Duration of illness	Onset	Course	Outcome	Remarks
1	25	M	10 years	1975	Chronic	Recovery	First case of this disease in our country
2	30	F	5 years	1978	Chronic	Recovery	
3	35	M	3 years	1980	Chronic	Recovery	
4	40	F	2 years	1982	Chronic	Recovery	
5	45	M	1 year	1985	Chronic	Recovery	
6	50	F	6 months	1988	Chronic	Recovery	
7	55	M	4 months	1990	Chronic	Recovery	
8	60	F	3 months	1992	Chronic	Recovery	
9	65	M	2 months	1995	Chronic	Recovery	
10	70	F	1 month	1998	Chronic	Recovery	
11	75	M	10 days	2000	Chronic	Recovery	
12	80	F	5 days	2002	Chronic	Recovery	
13	85	M	3 days	2005	Chronic	Recovery	
14	90	F	2 days	2008	Chronic	Recovery	
15	95	M	1 day	2010	Chronic	Recovery	